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PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

SAR 14919

First Inventor

Russ

Title

LOW VOLTAGE SILICON CONTROLLED RECTIFIER (SCR) FOR  
ELECTROSTATIC DISCHARGE (ESD) PROTECTION OF SILICON-  
ON-INSULATOR

Express Mail Label No.

ER700284006US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
  2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
  3. ☒ Specification {Total Pages (preferred arrangement set forth below)
    - Descriptive title of the Invention
    - Cross Reference to Related Applications
    - Statement Regarding Fed sponsored R & D
    - Reference to sequence listing, a table, or a computer program listing appendix
    - Background of the Invention
    - Brief Summary of the Invention
    - Brief Description of the Drawings (if filed)
    - Detailed Description
    - Claim(s)
    - Abstract of the Disclosure
  4. ☒ Drawing(s) (35 U.S.C. 113) {Total Sheets 5. Oath or Declaration {Total Pages   - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

28166

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

609-734-2560

Fax

Name (Print/Type)

DANIEL S. GOLDBERG

Registration No. (Attorney/Agent)

39,689

Signature

*Daniel S. Goldberg*

Date

4-15-04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>SAR 14919</b>
Applicant(s): <b>Russ, C. C. et. al.</b>			
Serial No. Not Yet Known	Filing Date Herewith	Examiner Not Yet Known	Group Art Unit Not Yet Known
Invention: <b>LOW VOLTAGE SILICON CONTROLLED RECTIFIER (SCR) FOR ELECTROSTATIC DISCHARGE (ESD) PROTECTION OF SILICON-ON-INSULATOR TECHNOLOGIES</b>			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0; text-align: center;"><b>U.S. ORIGINAL APPLICATION</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"><div style="text-align: center;"><u>4/15/04</u> <i>(Date)</i></div><div style="text-align: center;"><u>Sibel Gizmen</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i> <u>Sibel Gizmen</u> <i>(Signature of Person Mailing Correspondence)</i> <u>ER 700 284 006 US</u> <i>("Express Mail" Mailing Label Number)</i></div></div>			
<p><b>Note: Each paper must have its own certificate of mailing.</b></p>			

# FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1048

## Complete if Known

Application Number TO BE ASSIGNED  
Filing Date HEREWITH  
First Named Inventor RUSS  
Examiner Name UNKNOWN  
Group / Art Unit TO BE ASSIGNED  
Attorney Docket No. SAR 14919

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit  
Account  
Number

04-0203

Deposit  
Account  
Name

SARNOFF CORPORATION

The Director is authorized to: (Check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large	Entity	Small	Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)						
1001	770	2001	385					Utility filing fee	770
1002	340	2002	170					Design filing fee	
1003	530	2003	265					Plant filing fee	
1004	770	2004	385					Reissue filing fee	
1005	160	2005	80					Provisional filing fee	

SUBTOTAL (1)

(\$ 770

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
31	-20 **	11	18
2	-3 **	0	86
			0

Large	Entity	Small	Entity	Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)					
1202	18	2202	9					Claims in excess of 20
1201	86	2201	43					Independent claims in excess of 3
1203	290	2203	145					Multiple dependent claim, if not paid
1204	86	2204	43					** Reissue independent claims over original patent
1205	18	2205	9					** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 198

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large	Entity	Small	Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)						
1051	130	2051	65					Surcharge - late filing fee or oath	
1052	50	2052	25					Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130					Non-English specification	
1812	2,520	1812	2,520					For filing a request for reexamination	
1804	920*	1804	920*					Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*					Requesting publication of SIR after Examiner action	
1251	110	2251	55					Extension for reply within first month	
1252	420	2252	210					Extension for reply within second month	
1253	950	2253	475					Extension for reply within third month	
1254	1,480	2254	740					Extension for reply within fourth month	
1255	2,010	2255	1,005					Extension for reply within fifth month	
1401	330	2401	165					Notice of Appeal	
1402	330	2402	165					Filing a brief in support of an appeal	
1403	290	2403	145					Request for oral hearing	
1451	1,510	2451	1,510					Petition to institute a public use proceeding	
1452	110	2452	55					Petition to revive - unavoidable	
1453	1,330	2453	665					Petition to revive - unintentional	
1501	1,330	2501	665					Utility issue fee (or reissue)	
1502	480	2502	240					Design issue fee	
1503	640	2503	320					Plant issue fee	
1460	130	1460	130					Petitions to the Commissioner	
1807	50	1807	50					Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180					Submission of Information Disclosure Stmt	
8021	40	8021	40					Recording each patent assignment per property (times number of properties)	80.00
1809	770	2809	385					Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385					For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385					Request for Continued Examination (RCE)	
1802	900	1802	900					Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 80

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	DANIEL S. GOLDBERG	Registration No. Attorney/Agent)	39,689	Telephone	609-734-2560
Signature				Date	APRIL 15, 2004

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